

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of :  
Tomoyuki ASANO, et al. :  
 : Group Art Unit:  
International Application No. :  
PCT/JP01/00346 :  
 :  
International Filing Date: : Date: September 20, 2001  
19 January 2001 :  
 :  
For: DATA PROCESSING APPARATUS AND :  
DATA PROCESSING METHOD :  
 :  
 : X

Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

It is respectfully requested that the references listed on the enclosed Form PTO-1449 be made of record and considered with respect to the above-referenced U.S. patent application. A copy of each reference is enclosed. These references were cited in the background section of the present specification and/or a corresponding International Search Report, a copy of which is also enclosed. Submission of the present Information Disclosure Statement should not be taken as an admission that the cited references are legally available prior art or that the same are pertinent or material.

In the event that any fee is due in connection with the present Information Disclosure Statement, the Commissioner is hereby authorized to charge the same to our Deposit Account No. 12-1095.

Respectfully submitted,

LERNER, DAVID, LITTENBERG,  
KRUMHOLZ & MENTLIK, LLP

  
ROBERT B. COHEN  
Reg. No. 32,768

600 South Avenue West  
Westfield, New Jersey 07090  
Telephone: (908) 654-5000  
Facsimile: (908) 654-7866

EXPRESS MAIL LABEL NUMBER: EL804522361US

FORM PTO-1449 (Rev. 7-80)		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. SONYJP-139		Application No. PCT/JP01/00346	
LIST OF PRIOR ART CITED BY APPLICANT  (Use several sheets if necessary)				Applicant Tomoyuki ASANO			
				Filing Date: January 19, 2001		Group	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,396,558	03/07/95	Ishiguro, et al.	380	25	
	AB	5,446,796	08/29/95	Ishiguro, et al.	380	24	
	AC	5,502,765	03/26/96	Ishiguro, et al.	380	24	
	AD	5,625,693	04/29/97	Rohatgi, et al.	380	23	
	AE	5,673,319	09/30/97	Bellare, et al.	380	25	
	AF	5,915,024	06/22/99	Kitaori, et al.	380	25	
	AG	6,163,647	12/19/00	Terashima, et al.	386	96	
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
	AL	3-151738	27.06.91	Japan			**
	AM	06-289782	18.10.94	Japan			**
	AN	10-187826	21.07.98	Japan			**
	AO	9-106429	22.04.97	Japan			**
	AP	10-3257	06.01.98	Japan			<sup>1</sup>
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AR	Shinichi IKENO, et al., "Gendai Angou Riron", (the 3 <sup>rd</sup> printing), Zaidan Houjin, Denshi JouhouTsushin Gakkai, 20 May 1989 (20.05.89) chapter 12, Digital Shomei no (2); Ninshoushi Shougou hou pp. 223-225.					
	AS	Eiji OKAMOTO, "Angou Riron Numon" (the 1 <sup>st</sup> printing), Kyouritsu Shuppan K.K., 25 February 1993 (25.02.93) chapter 6; Angoukagi Haisou Kanri Houshiki to Himitsu Jouhou Bunsan Houshiki (3); Kanri Bunsan gata Kagi Haisou Houshiki, "Mutsushin Type" deno "Taishou Kagi Seisei Housiki" pp. 118-119					
	AT						
EXAMINER **with English Abstract				DATE CONSIDERED			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

<sup>1</sup> Counterpart to US Patent # 5,915,024

09/937120

Sheet 2 of 2

FORM PTO-1449  
(Rev. 7-80)U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
SONYJP-139Application No.  
PCT/JP01/00346

20 SEP 2001

## LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

Applicant  
Tomoyuki ASANO, et al.

Filing Date: N January 19 2001

Group

## U.S. PATENT DOCUMENTS

*EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	10-126406	15.05.98	Japan			**	
	AM	10-283280	23.10.98	Japan			**	
	AN	10-164508	19.06.98	Japan			2	
	AO							
	AP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	
	AS	
	AT	

EXAMINER

\*\*with English Abstract

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.